



Ifw

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92644

Scott GAYNOR, et al.

Appln. No.: 10/579,341

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: May 15, 2006

For: **CROSSLINKABLE ARYLAMINE COMPOUNDS AND CONJUGATED OLIGOMERS
OF POLYMERS BASED THEREON**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Application No.: 10/579,341

Attorney Docket No. Q92644

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

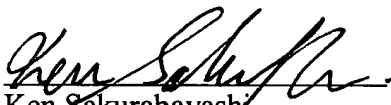
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER


Ken Sakurabayashi
Registration No. 58,490

Date: August 4, 2006

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/579,341
				Confirmation Number	Unknown
				Filing Date	May 15, 2006
				First Named Inventor	Scott GAYNOR
				Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	Q92644
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 6,605,373	B2	08-12-2003	Woo et al.
		US 6,362,310	B1	03-26-2002	Woo et al.
		US 6,255,449	B1	07-03-2001	Woo et al.
		US 6,255,447	B1	07-03-2001	Woo et al.
		US 6,169,163	B1	01-02-2001	Woo et al.
		US 5,962,631		10-05-1999	Woo et al.
		US 5,728,801		03-17-1998	Wu et al.
		US 5,777,070		07-07-1998	Inbasekaran et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

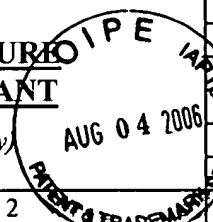
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Norio MIYURA et al., "Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds", Chemical Review, 1995, pages 2457-2483, vol. 95, American Chemical Society.	
		I. COLON et al., "High Molecular Weight Aromatic Polymers by Nickel Coupling of Aryl Polychlorides", Journal of Polymer Science: Part A: Polymer Chemistry Edition, 1990, pages 367-383, vol. 28, John Wiley & Sons, Inc.	
		Ismael Colon et al., "Coupling of Aryl Chlorides by Nickel and Reducing Metals", Journal of Organic Chemistry, 1986, pages 2627-2637, vol. 51, American Chemical Society.	
		Masahiko IYODA et al., "Homocoupling of Aryl Halides Using Nickel(II) Complex and Zinc in the Presence of Et ₄ NI. An Efficient Method for the Synthesis of Biaryls and Bipyridines", Bulletin of the Chemical Society of Japan, 1990, pages 80-87, vol. 63, No. 1, The Chemical Society of Japan.	
		Takakazu YAMAMOTO, "Electrically Conducting and Thermally Stable Π -Conjugated Poly(Arylene)S Prepared by Organometallic Processes", Progress in Polymer Science, 1992, pages 1153-1205, vol. 17, Pergamon Press Ltd.	
		Wayne R. SORENSON et al., "Preparative Methods of Polymer Chemistry", Second Edition, 1968, pages 1-504, Interscience Publishers.	
		P.E. BURROWS et al., "Metal ion dependent luminescence effects in metal tris-quinolate organic heterojunction light emitting devices", Applied Physics Letters, 1994, pages 2718-2720, vol. 64, No. 20, American Institute of Physics.	
		Yuji HAMADA et al., "High Luminance in Organic Electroluminescent Devices with Bis(10-hydroxybenzo[h]quinolinato)beryllium as an Emitter", Chemistry Letters, 1993, pages 905-906, The Chemical Society of Japan	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/579,341	
			Confirmation Number	Unknown	
			Filing Date	May 15, 2006	
			First Named Inventor	Scott GAYNOR	
			Att Unit	Unknown	
			Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	Q92644

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Yuji HAMADA et al., "Organic Electroluminescent Devices with Bright Blue Emission", Optoelectronics-Devices and Technologies, 1992, pages 83-93, vol. 7, No. 1, MITA Press.	
		Junji KIDO et al., "Blue Electroluminescent 1,2,4-Triazole Derivative", Chemistry Letters, 1996, pages 47-48.	
		Masayoshi YOSHIDA et al., "Three-layered multicolor organic electroluminescent device", Applied Physics Letters, 1996, pages 734-736, vol. 69, No. 6, American Institute of Physics.	
		Xiao-Chang LI et al., "Synthesis and Optoelectronic Properties of Aromatic Oxadiazole Polymers", Journal of Chemical Society, Chemical Commun., 1995, pages 2211-2212.	
		Y. YANG et al., "Electron injection polymer for polymer light-emitting diodes", Journal of Applied Physics, 1995, pages 4807-4809, vol. 77, No. 9, American Institute of Physics.	
		Marko STRUKELJ et al., "Design and Application of Electron-Transporting Organic Materials", Science, 1995, pages 1969-1972, vol. 267.	
		Takakazu YAMAMOTO et al., "Polymer Light-Emitting Diodes with Single- and Double-Layer Structures Using Poly(2,3-diphenylquinoxaline-5,8-diyl)", Japan Journal of Applied Physics, 1994, pages L250-L253, vol. 33, Part 2, No. 2B.	
		D. O'Brien et al., "Electroluminescence applications of a poly(phenyl quinoxaline)", Synthetic Metals, 1996, pages 105-108, vol. 76, Elsevier Science S.A.	
		M.S. WEAVER et al., "Recent progress in polymers for electroluminescence: microcavity devices and electron transport polymers", Thin Solid Films, 1996, pages 39-47, vol. 273, Elsevier Science S.A.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.